



Get the full picture about pump operation

MerMaid current sensors are attached to the wires powering the pumps before going out of the control panel. All data, normal or not, are recorded at this level.

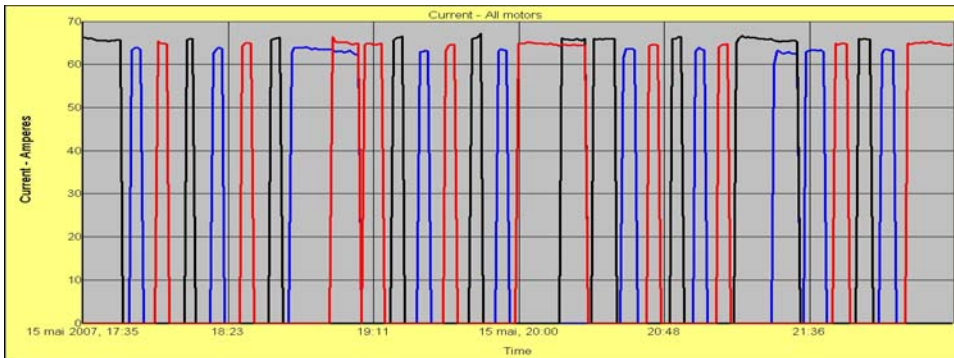
A PLC might report that a pump started, but is it the entire true?

What about operations not reported by the PLC, like chattering relays or a defective high level float directly starting a pump? Do you want to know and do you need to know about it?

In this current/time graph, pump 1 is red, 2 is black and 3 is blue.

Can you spot abnormal behaviors? Do you need to know? Absolutely!

A high percentage of PLCs are badly programmed, like this one. There is no other way to find these common problems that wear pumps faster.



MerMaid's software allows to verify the quality of recorder's installation



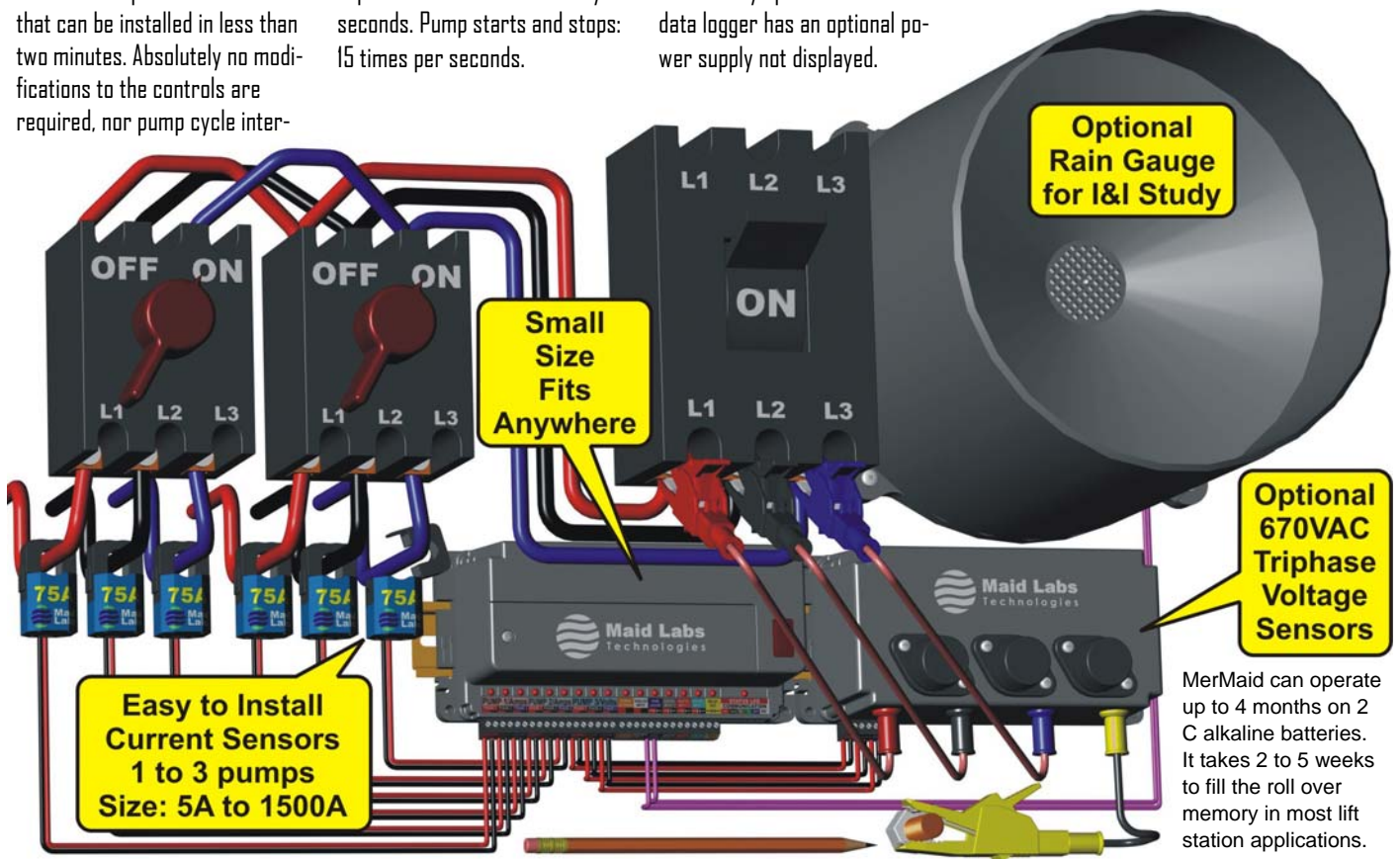
MAID Labs' professional staff analyzes every aspect of the electrical and hydraulic operation of a lift station, then report what you need to know to make better decisions.

Installed in less than 2 minutes

MerMaid is a passive instrument that can be installed in less than two minutes. Absolutely no modifications to the controls are required, nor pump cycle inter-

ruption. Current is read every 2 seconds. Pump starts and stops: 15 times per seconds.

The battery operated MAID Labs' data logger has an optional power supply not displayed.



MerMaid can operate up to 4 months on 2 C alkaline batteries. It takes 2 to 5 weeks to fill the roll over memory in most lift station applications.